

**FIG. 1**

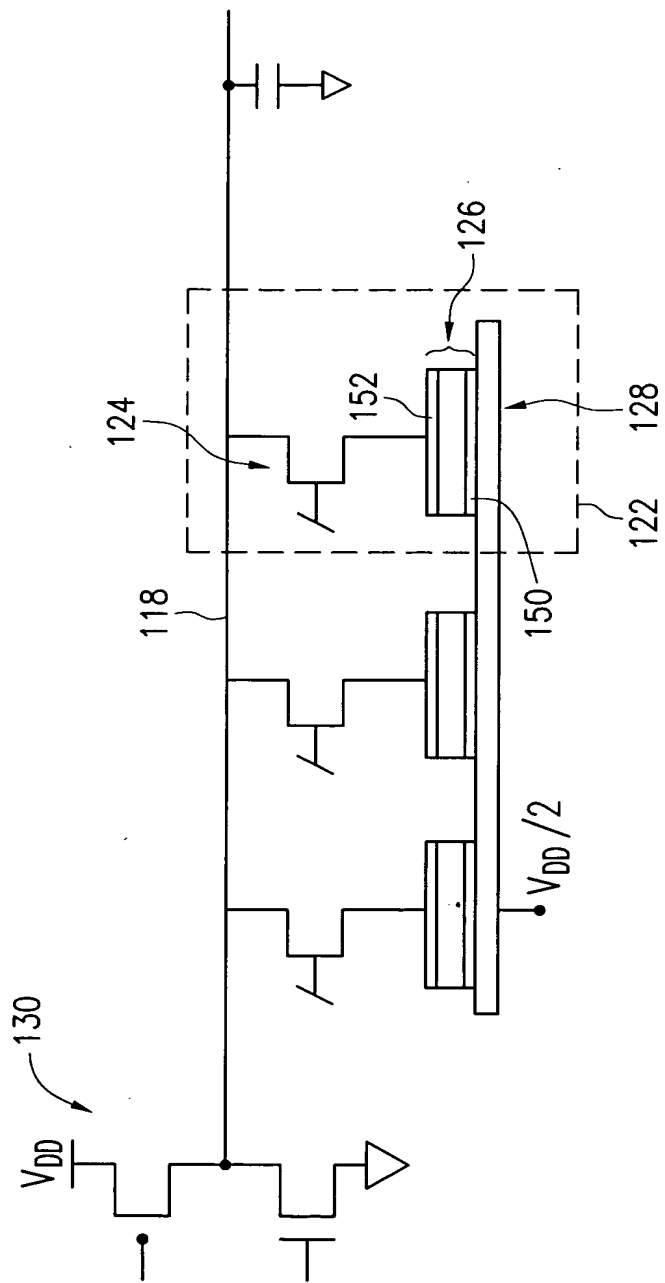
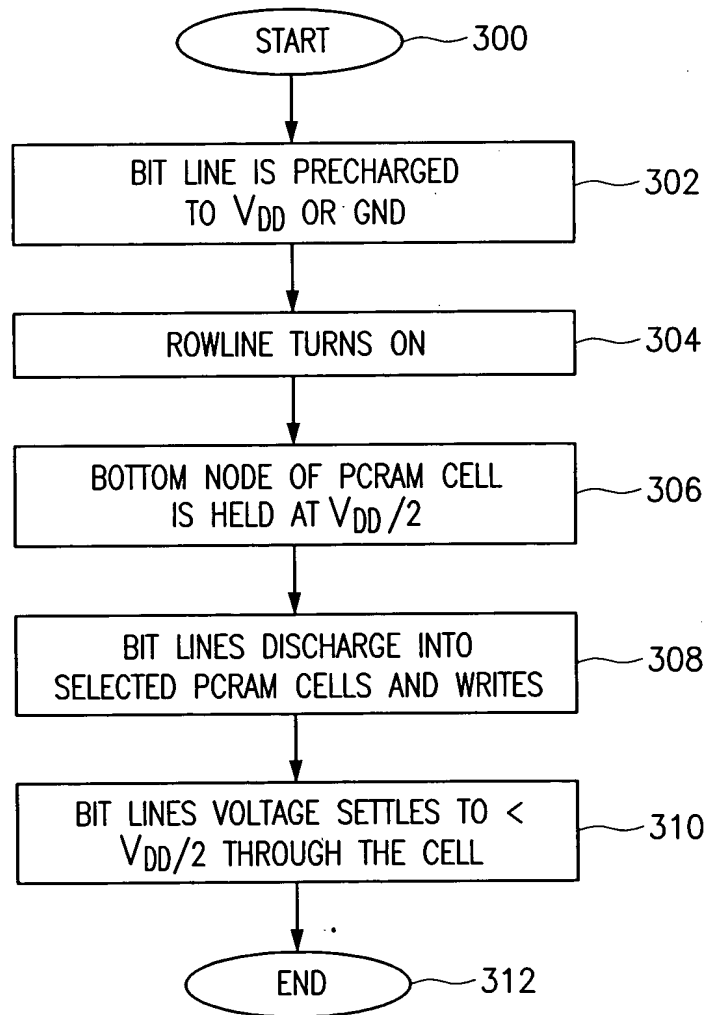
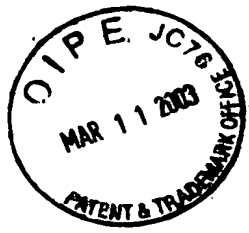
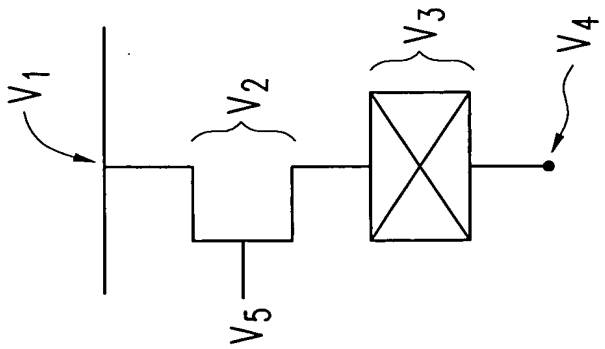
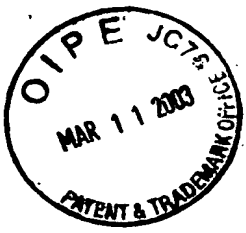


FIG. 2



**FIG. 3A**



WRITE $V_1 = V_{DD}$	$V_1 - V_2 - V_4 = V_3 = +.25$
ERASE $V_1 = GND$	$V_1 + V_2 - V_4 = V_3 = -.25$
READ	$V_1 - V_2 - V_4 = V_3 = +.2$

$V_1 = 2.5V$  or  $GND$

$V_4 = 1.25V$

FIG. 3B

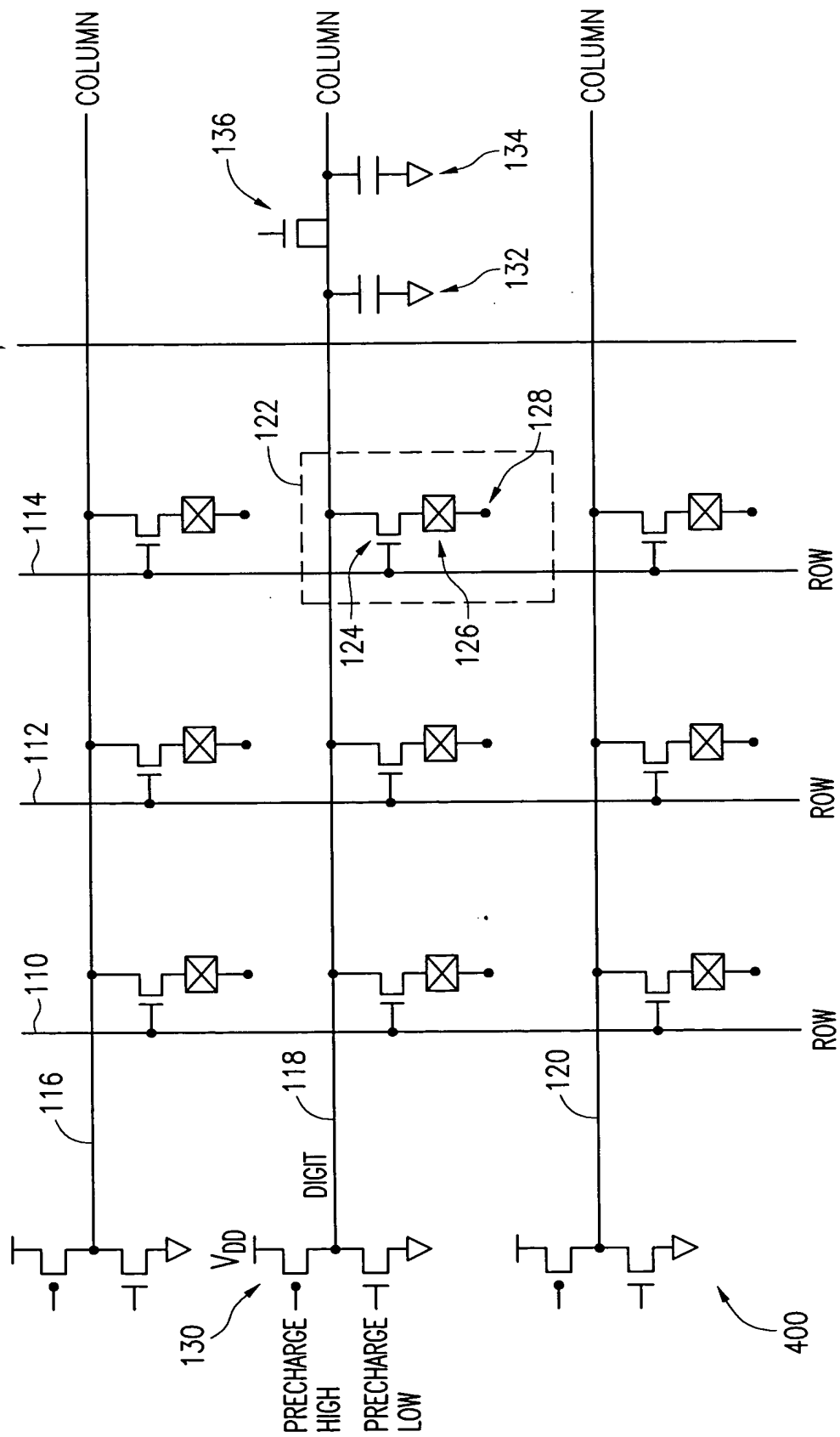
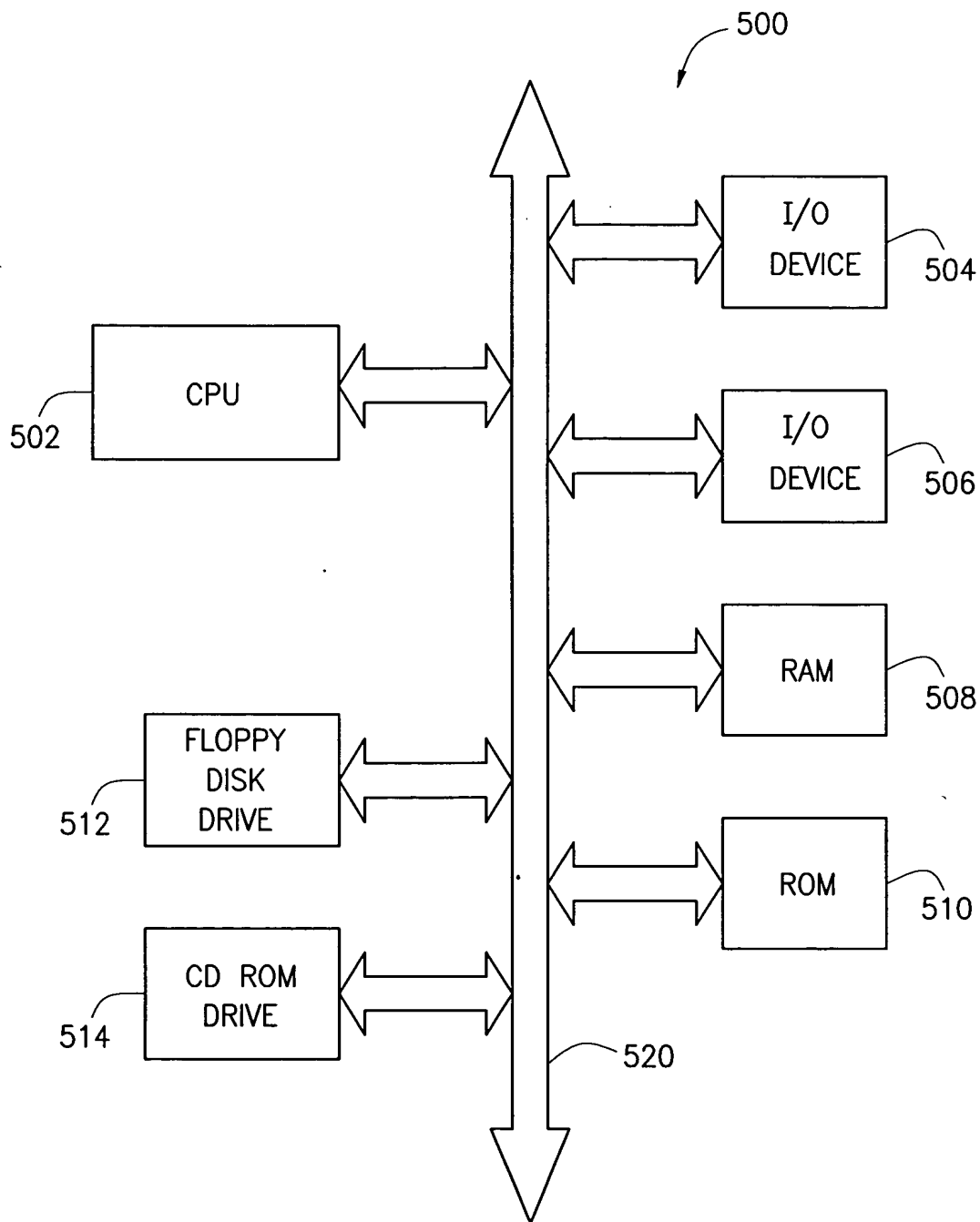


FIG. 4



**FIG. 5**